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**(54) SKI STOCK HAVING
RECIPROCATION BUFFER
MECHANISM**

(57) Abstract:

PURPOSE: To provide a ski stock having a reciprocation buffer device in a gripping part by inserting a follower joint bolt pin in a groove formed in a positive cam, and inserting and holding lumps of elastic substance in a compressive coil spring inserted in the gripping part, and thereby giving the shaft spinning or vertical reciprocative motions.

CONSTITUTION: A gripping part 1 is fitted on the upper part of a pipe shaft 3 in such a way as moving in vertical direction, and a follower joint bolt pin 5 inserted through the pipe shaft 3 is inserted in a groove formed in a positive cam 4 which is furnished in the part 1 and gives vertical reciprocation to the pipe shaft 3. A compressive coil spring 6 is set between the gripping part 1 and the top of the shaft 3, and a plurality of

lumps of elastic substance such as rubber or plastics are inserted in and held by this coil spring 6. When the gripping part slides with respect to the shaft 3, the bolt pin 5 slides within the groove in the cam 4 so that the shaft 3 is given a reciprocation or spinning. If at the time, the coil spring 6 is deflected, the lumps 7 are also deflected, and resilient forces having several moduli of elasticity are obtained.

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